



Changes in GHG emissions from 1990 to 2004 for Annex I Parties

Party	Total GHG emissions without LULUCF (Tg / million tonnes CO ₂ equivalent)			Changes in emissions (%)		Emission reduction target under the Kyoto Protocol ^{a, b} (%)
	1990	2000	2004	1990–2004	2000–2004	
Australia	423.1	504.2	529.2	25.1	5.0	– ^c
Austria	78.9	81.3	91.3	15.7	12.4	–8 (–13)
Belarus	127.4	69.8	74.4	–41.6	6.6	no target yet
Belgium	145.8	147.4	147.9	1.4	0.3	–8 (–7.5)
Bulgaria	132.3	64.3	67.5	–49.0	5.1	–8
Canada	598.9	725.0	758.1	26.6	4.6	–6
Croatia	31.1	25.3	29.4	–5.4	16.5	– ^c
Czech Republic	196.2	149.2	147.1	–25.0	–1.4	–8
Denmark	70.4	69.6	69.6	–1.1	0.1	–8 (–21)
Estonia	43.5	19.7	21.3	–51.0	8.4	–8
European Community	4252.5	4129.3	4228.0	–0.6	2.4	–8
Finland	71.1	70.0	81.4	14.5	16.4	–8 (0)
France	567.1	561.4	562.6	–0.8	0.2	–8 (0)
Germany	1226.3	1022.8	1015.3	–17.2	–0.7	–8 (–21)
Greece	108.7	131.8	137.6	26.6	4.5	–8 (+25)
Hungary	123.1	81.9	83.9	–31.8	2.5	–6
Iceland	3.28	3.54	3.11	–5.0	–12.2	+10
Ireland	55.6	68.7	68.5	23.1	–0.4	–8 (+13)
Italy	519.6	554.6	582.5	12.1	5.0	–8 (–6.5)
Japan	1272.1	1345.5	1355.2	6.5	0.7	–6
Latvia	25.9	9.9	10.7	–58.5	8.2	–8
Liechtenstein	0.229	0.256	0.271	18.5	6.0	–8
Lithuania	50.9	20.8	20.2	–60.4	–3.1	–8
Luxembourg	12.7	9.7	12.7	0.3	31.3	–8 (–28)
Monaco	0.108	0.117	0.104	–3.1	–11.0	–8
Netherlands	213.0	214.4	218.1	2.4	1.7	–8 (–6)
New Zealand	61.9	70.3	75.1	21.3	6.8	0
Norway	49.8	53.5	54.9	10.3	2.7	+1
Poland	564.4	386.2	388.1	–31.2	0.5	–6
Portugal	60.0	82.2	84.5	41.0	2.9	–8 (+27)
Romania	262.3	131.8	154.6	–41.0	17.3	–8
Russian Federation	2974.9	1944.8	2024.2	–32.0	4.1	0
Slovakia	73.4	49.4	51.0	–30.4	3.3	–8
Slovenia	20.2	18.8	20.1	–0.8	6.6	–8
Spain	287.2	384.2	427.9	49.0	11.4	–8 (+15)
Sweden	72.4	68.4	69.9	–3.5	2.1	–8 (+4)
Switzerland	52.8	51.7	53.0	0.4	2.6	–8
Turkey	170.2	278.9	293.8	72.6	5.3	– ^c
Ukraine	925.4	395.1	413.4	–55.3	4.6	0
United Kingdom	776.1	672.2	665.3	–14.3	–1.0	–8 (–12.5)
United States	6103.3	6975.9	7067.6	15.8	1.3	– ^c
Annex I EIT Parties	5551.0	3366.9	3506.0	–36.8	4.1	–
Annex I non-EIT Parties	13000.5	14147.7	14425.6	11.0	2.0	–
All Annex I Parties to the Convention	18551.5	17514.6	17931.6	–3.3	2.4	–
Annex I Kyoto Protocol Parties	11823.8	9730.3	10011.5	–15.3	2.9	–5

^a The national reduction targets as per the “burden-sharing” agreement of the European Community are shown in parentheses.

^b The national reduction targets relate to the first commitment period under the Kyoto Protocol, which is from 2008 to 2012.

^c A Party to the Climate Change Convention but not a Party to the Kyoto Protocol.

Note: base year data (under the Climate Change Convention) are used here instead of 1990 data (as per COP decisions 9/CP.2 and 11/CP.4) for Bulgaria (1988), Hungary (average of 1985–1987), Poland (1988), Romania (1989) and Slovenia (1986).